IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Cancelled)

Claim 2 (Currently Amended): The optical writing system according to claim [[1]] 11, wherein:

said second correction mechanism is configured to start to correct the amount of deviation based on the second external parameter.

Claim 3 (Currently Amended): The optical writing system according to claim [[1]] 11, wherein said second correction mechanism is configured to stop correcting the amount of deviation based on the second external parameter.

Claim 4 (Currently Amended): The optical writing system according to claim [[1]] 11, wherein said first correction mechanism and said second correction mechanism are configured to be controlled separately from each other.

Claim 5 (Currently Amended): The optical writing system according to claim [[1]] 11, wherein said first correction mechanism is configured to start to correct the dot forming position based on the first external parameter.

Claim 6 (Currently Amended): The optical writing system according to claim [[1]] 11, wherein said first correction mechanism is further configured to arbitrarily shift the phase of the picture element clock based on a scaling error factor of said at least two laser diodes.

Claim 7 (Previously Presented): The optical writing system according to claim 6, wherein the first external parameter includes the scaling error factor .

Claim 8 (Currently Amended): The optical writing system according to claim [[1]] 11, wherein said first correction mechanism is configured to stop correcting based on the first external parameter.

Claims 9-10 (Cancelled).

Claim 11 (Currently Amended): ~~The~~ An optical writing system comprising: ~~according to claim 10, wherein~~

at least two laser diodes;

a polygonal mirror;

a first correction mechanism configured to

receive a first external parameter,

scan data of two laser diodes by one scanning movement with said polygonal mirror, and

correct, based on the first external parameter, a dot forming position of a terminating edge in a main scanning direction by shifting arbitrarily a phase of a picture element clock; and

a second correction mechanism configured to

receive a second external parameter, and

correct, based on the second external parameter, an amount of deviation in a data writing position along a vertical scanning direction to be approximately one laser diode line width,

<u>wherein said second correction mechanism is further configured to receive the second external parameter that includes information indicating that a type of a document is one of a character document, a photography document, a mixed character and photography document, and a non-character and non-photography document, and</u>

said second correction mechanism is further configured to enable correction of an amount of deviation in a data writing position in accordance with a first difficulty level when the information indicates that the type of document is a character document.

Claim 12 (Currently Amended): The optical writing system according to claim [[10]] 11, wherein[[,]] said second correction mechanism is further configured to be placed in a state including one of

disabled, and

enabled to correct an amount of deviation in data writing position in accordance with a second difficulty level when the information indicates that the type of document is a photography document.

Claim 13 (Currently Amended): The optical writing system according to claim [[10]] 11, wherein said second correction mechanism is further configured to be placed in a state including one of

disabled, and

enabled to correct an amount of deviation in data writing position in accordance with a third difficulty level when the information indicates that the type of document is a mixed character and photography document.

Claim 14 (Currently Amended): The optical writing system according to claim [[10]] 11, wherein said second correction mechanism is further configured to be placed in a state including one of

disabled, and

enabled to correct an amount of deviation in data writing position in accordance with a fourth difficulty level when the information indicates that the type of document is a non-character and non-photography document.

Claims 15-42 (Cancelled)